

Table 5. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 07 and 10-17 (agricultural services, mining, and construction),  
and the relative standard error: 2001  
[Filled positions]

Page 1 of 14

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Crop services (SIC 0720)			
Scientific and technical personnel.....	610	0.5	(nc)
Scientists .....	220	0.2	(nc)
Life scientists .....	220	0.2	(nc)
Agricultural scientists .....	220	0.2	10
Engineers .....	80	0.1	(nc)
Mechanical .....	30	<	21
Other engineers .....	50	<	(nc)
Agricultural .....	50	<	12
Technicians .....	310	0.2	(nc)
Physical and life science technicians .....	310	0.2	(nc)
Agricultural and food science technicians .....	240	0.2	38
Biological technicians .....	70	0.1	37
Animal services, except veterinary (SIC 0750)			
Scientific and technical personnel.....	1,290	2.1	(nc)
Scientists .....	150	0.3	(nc)
Life scientists .....	150	0.3	(nc)
Agricultural scientists .....	150	0.3	30
Technicians .....	1,140	1.9	(nc)
Physical and life science technicians .....	1,140	1.9	(nc)
Agricultural and food science technicians .....	1,140	1.9	24
Farm labor and management services (SIC 0760)			
Scientific and technical personnel.....	40	<	(nc)
Scientists .....	40	<	(nc)
Life scientists .....	40	<	(nc)
Agricultural scientists .....	40	<	11
Landscape and horticultural services (SIC 0780)			
Scientific and technical personnel.....	1,510	0.3	(nc)
Scientists .....	200	<	(nc)
Life scientists .....	200	<	(nc)
Agricultural scientists .....	200	<	29
Engineers .....	130	<	(nc)
Civil .....	130	<	27
Technicians .....	1,180	0.2	(nc)
Drafters .....	1,180	0.2	(nc)
Architectural and civil drafters .....	1,180	0.2	34

See explanatory information and SOURCE at end of table.

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Page 2 of 14

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Iron ores (SIC 1010)			
Scientific and technical personnel.....	70	1.3	(nc)
Engineers .....	70	1.3	(nc)
Other engineers .....	70	1.3	(nc)
Mining and geological .....	70	1.3	31
Copper ores (SIC 1020)			
Scientific and technical personnel.....	310	3.5	(nc)
Managers of scientific and technical personnel .....	40	0.5	(nc)
Engineering managers .....	40	0.5	5
Scientists .....	50	0.6	(nc)
Physical scientists .....	50	0.6	(nc)
Chemists .....	50	0.6	19
Engineers .....	140	1.6	(nc)
Mechanical .....	30	0.3	13
Other engineers .....	110	1.3	(nc)
Environmental .....	40	0.5	10
Mining and geological .....	70	0.8	11
Technicians .....	80	0.9	(nc)
Computer, numerical tool, and process control programmers .....	30	0.3	(nc)
Computer programmers .....	30	0.3	5
Physical and life science technicians .....	50	0.6	(nc)
Chemical technicians, except health .....	50	0.6	44
Gold and silver ores (SIC 1040)			
Scientific and technical personnel.....	920	8.7	(nc)
Managers of scientific and technical personnel .....	40	0.4	(nc)
Engineering managers .....	40	0.4	11
Scientists .....	160	1.5	(nc)
Physical scientists .....	160	1.5	(nc)
Geoscientists, except hydrologists and geographers .....	160	1.5	8
Engineers .....	330	3.1	(nc)
Other engineers .....	330	3.1	(nc)
Environmental .....	50	0.5	14
Mining and geological .....	280	2.6	11

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Page 3 of 14

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Gold and silver ores (SIC 1040) -- continued:			
Technicians .....	390	3.7	(nc)
Engineering technicians .....	80	0.8	(nc)
Civil engineering technicians .....	30	0.3	16
Environmental engineering technicians .....	50	0.5	15
Physical and life science technicians .....	260	2.5	(nc)
Chemical technicians, except health .....	260	2.5	9
Surveying, cartographic, photogrammetric, and mapping technicians .....	50	0.5	(nc)
Surveyors .....	50	0.5	13
Metal mining services (SIC 1080)			
Scientific and technical personnel.....	50	2.6	(nc)
Scientists .....	50	2.6	(nc)
Physical scientists .....	50	2.6	(nc)
Geoscientists, except hydrologists and geographers .....	50	2.6	13
Bituminous coal and lignite mining (SIC 1220)			
Scientific and technical personnel.....	2,210	2.8	(nc)
Managers of scientific and technical personnel .....	240	0.3	(nc)
Computer and information systems managers .....	40	0.1	33
Engineering managers .....	200	0.3	10
Scientists .....	120	0.2	(nc)
Physical scientists .....	120	0.2	(nc)
Environmental scientists and specialists, including health .....	60	0.1	16
Geoscientists, except hydrologists and geographers .....	60	0.1	24
Engineers .....	1,150	1.5	(nc)
Electrical/electronics .....	50	0.1	(nc)
Electrical .....	50	0.1	22
Industrial .....	90	0.1	28
Mechanical .....	30	<	30
Other engineers .....	980	1.3	(nc)
Environmental .....	110	0.1	15
Mining and geological .....	870	1.1	6
Technicians .....	700	0.9	(nc)
Computer, numerical tool, and process control programmers .....	40	0.1	(nc)
Computer programmers .....	40	0.1	26
Engineering technicians .....	80	0.1	(nc)
Civil engineering technicians .....	30	<	21
Environmental engineering technicians .....	50	0.1	28
Physical and life science technicians .....	180	0.2	(nc)
Environmental science and protection technicians, including health .....	100	0.1	30
Geological and petroleum technicians .....	80	0.1	26
Surveying, cartographic, photogrammetric, and mapping technicians .....	400	0.5	(nc)
Surveying and mapping technicians .....	210	0.3	35
Surveyors .....	190	0.2	7

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Page 4 of 14

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Crude petroleum and natural gas (SIC 1310)			
Scientific and technical personnel.....	17,520	14.0	(nc)
Managers of scientific and technical personnel .....	1,560	1.3	(nc)
Computer and information systems managers .....	170	0.1	23
Engineering managers .....	1,250	1.0	8
Natural sciences managers .....	140	0.1	14
Scientists .....	5,210	4.2	(nc)
Computer scientists .....	620	0.5	(nc)
Computer systems analysts .....	520	0.4	14
Network and computer systems administrators .....	100	0.1	27
Physical scientists .....	4,560	3.6	(nc)
Environmental scientists and specialists, including health .....	420	0.3	34
Geoscientists, except hydrologists and geographers .....	4,140	3.3	9
Social scientists .....	30	<	(nc)
Economists .....	30	<	20
Engineers .....	8,830	7.1	(nc)
Civil .....	290	0.2	14
Electrical/electronics .....	270	0.2	(nc)
Electrical .....	270	0.2	12
Industrial .....	1,190	1.0	12
Other engineers .....	7,080	5.7	(nc)
Chemical .....	340	0.3	35
Environmental .....	270	0.2	10
Metallurgical/metallurgists .....	110	0.1	23
Mining and geological .....	1,060	0.9	23
Petroleum .....	5,180	4.1	7
Safety .....	120	0.1	20
Technicians .....	1,920	1.5	(nc)
Drafters .....	140	0.1	(nc)
Mechanical drafters .....	140	0.1	36
Engineering technicians .....	920	0.7	(nc)
Electronical/electronics engineering technicians .....	250	0.2	25
Electro-mechanical technicians .....	60	0.1	34
Environmental engineering technicians .....	80	0.1	11
Industrial engineering technicians .....	160	0.1	11
Mechanical engineering technicians .....	370	0.3	34
Physical and life science technicians .....	380	0.3	(nc)
Environmental science and protection technicians, including health .....	380	0.3	16
Surveying, cartographic, photogrammetric, and mapping technicians .....	480	0.4	(nc)
Surveying and mapping technicians .....	480	0.4	43

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Page 5 of 14

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Natural gas liquids (SIC 1320)			
Scientific and technical personnel.....	90	2.4	(nc)
Technicians .....	90	2.4	(nc)
Engineering technicians .....	90	2.4	(nc)
Electronical/electronics engineering technicians .....	90	2.4	29
Oil and gas field services (SIC 1380)			
Scientific and technical personnel.....	6,370	3.1	(nc)
Scientists .....	80	<	(nc)
Social scientists .....	80	<	(nc)
Market research analysts .....	80	<	35
Engineers .....	1,110	0.5	(nc)
Mechanical .....	580	0.3	32
Sales .....	440	0.2	20
Other engineers .....	90	<	(nc)
Marine .....	90	<	25
Technicians .....	5,180	2.5	(nc)
Computer, numerical tool, and process control programmers .....	530	0.3	(nc)
Computer programmers .....	530	0.3	13
Engineering technicians .....	600	0.3	(nc)
Electronical/electronics engineering technicians .....	420	0.2	21
Industrial engineering technicians .....	180	0.1	45
Physical and life science technicians .....	3,760	1.8	(nc)
Geological and petroleum technicians .....	3,760	1.8	38
Surveying, cartographic, photogrammetric, and mapping technicians .....	290	0.1	(nc)
Cartographers and photogrammetrists .....	40	<	42
Surveyors .....	250	0.1	23
Crushed and broken stone (SIC 1420)			
Scientific and technical personnel.....	580	1.3	(nc)
Managers of scientific and technical personnel .....	70	0.2	(nc)
Engineering managers .....	70	0.2	12
Scientists .....	30	0.1	(nc)
Physical scientists .....	30	0.1	(nc)
Chemists .....	30	0.1	25
Engineers .....	270	0.6	(nc)
Civil .....	40	0.1	24
Industrial .....	30	0.1	14
Other engineers .....	200	0.5	(nc)
Mining and geological .....	200	0.5	12

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Page 6 of 14

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Crushed and broken stone (SIC 1420) -- continued:			
Technicians .....	210	0.5	(nc)
Computer, numerical tool, and process control programmers .....	70	0.2	(nc)
Computer programmers .....	70	0.2	15
Physical and life science technicians .....	140	0.3	(nc)
Chemical technicians, except health .....	70	0.2	14
Environmental science and protection technicians, including health .....	40	0.1	15
Geological and petroleum technicians .....	30	0.1	33
Sand and gravel (SIC 1440)			
Scientific and technical personnel.....	200	0.6	(nc)
Managers of scientific and technical personnel .....	50	0.1	(nc)
Engineering managers .....	50	0.1	30
Engineers .....	100	0.3	(nc)
Other engineers .....	100	0.3	(nc)
Mining and geological .....	100	0.3	14
Technicians .....	50	0.1	(nc)
Physical and life science technicians .....	50	0.1	(nc)
Chemical technicians, except health .....	50	0.1	12
Clay, ceramic, and refractory minerals (SIC 1450)			
Scientific and technical personnel.....	80	1.2	(nc)
Engineers .....	30	0.5	(nc)
Other engineers .....	30	0.5	(nc)
Mining and geological .....	30	0.5	7
Technicians .....	50	0.8	(nc)
Physical and life science technicians .....	50	0.8	(nc)
Chemical technicians, except health .....	50	0.8	8
Chemical and fertilizer minerals (SIC 1470)			
Scientific and technical personnel.....	150	1.6	(nc)
Managers of scientific and technical personnel .....	40	0.4	(nc)
Engineering managers .....	40	0.4	13
Engineers .....	50	0.5	(nc)
Other engineers .....	50	0.5	(nc)
Mining and geological .....	50	0.5	10
Technicians .....	60	0.6	(nc)
Physical and life science technicians .....	60	0.6	(nc)
Chemical technicians, except health .....	60	0.6	12

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Page 7 of 14

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Misc. nonmetallic minerals (SIC 1490)			
Scientific and technical personnel.....	60	1.2	(nc)
Technicians .....	60	1.2	(nc)
Physical and life science technicians .....	60	1.2	(nc)
Chemical technicians, except health .....	60	1.2	13
Residential building construction (SIC 1520)			
Scientific and technical personnel.....	4,270	0.6	(nc)
Managers of scientific and technical personnel .....	220	<	(nc)
Engineering managers .....	220	<	18
Scientists .....	140	<	(nc)
Computer scientists .....	140	<	(nc)
Network and computer systems administrators .....	140	<	11
Engineers .....	680	0.1	(nc)
Civil .....	680	0.1	17
Technicians .....	3,230	0.4	(nc)
Computer, numerical tool, and process control programmers .....	90	<	(nc)
Computer programmers .....	90	<	15
Drafters .....	3,060	0.4	(nc)
Architectural and civil drafters .....	3,000	0.4	14
Electrical and electronics drafters .....	60	<	32
Surveying, cartographic, photogrammetric, and mapping technicians .....	80	<	(nc)
Surveyors .....	80	<	18
Operative builders (SIC 1530)			
Scientific and technical personnel.....	730	2.2	(nc)
Managers of scientific and technical personnel .....	60	0.2	(nc)
Engineering managers .....	60	0.2	41
Scientists .....	40	0.1	(nc)
Computer scientists .....	40	0.1	(nc)
Network and computer systems administrators .....	40	0.1	9
Engineers .....	240	0.7	(nc)
Civil .....	240	0.7	26
Technicians .....	390	1.2	(nc)
Computer, numerical tool, and process control programmers .....	70	0.2	(nc)
Computer programmers .....	70	0.2	19
Drafters .....	290	0.9	(nc)
Architectural and civil drafters .....	290	0.9	24
Surveying, cartographic, photogrammetric, and mapping technicians .....	30	0.1	(nc)
Surveyors .....	30	0.1	33

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Page 8 of 14

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Nonresidential building excluding building (SIC 1540)			
Scientific and technical personnel.....	15,710	2.3	(nc)
Managers of scientific and technical personnel .....	2,030	0.3	(nc)
Computer and information systems managers .....	80	<	18
Engineering managers .....	1,950	0.3	26
Scientists .....	750	0.1	(nc)
Computer scientists .....	530	0.1	(nc)
Computer systems analysts .....	40	<	30
Network and computer systems administrators .....	460	0.1	8
Network systems/data communications analysts .....	30	<	27
Social scientists .....	220	<	(nc)
Market research analysts .....	220	<	29
Engineers .....	9,160	1.4	(nc)
Civil .....	6,300	0.9	7
Electrical/electronics .....	290	<	(nc)
Electrical .....	290	<	13
Industrial .....	550	0.1	18
Mechanical .....	820	0.1	14
Sales .....	240	<	15
Other engineers .....	960	0.1	(nc)
Environmental .....	150	<	20
Safety .....	810	0.1	11
Technicians .....	3,770	0.6	(nc)
Computer, numerical tool, and process control programmers .....	310	0.1	(nc)
Computer programmers .....	310	0.1	16
Drafters .....	2,000	0.3	(nc)
Architectural and civil drafters .....	2,000	0.3	18
Engineering technicians .....	850	0.1	(nc)
Civil engineering technicians .....	600	0.1	12
Electronical/electronics engineering technicians .....	40	<	18
Environmental engineering technicians .....	100	<	14
Industrial engineering technicians .....	60	<	22
Mechanical engineering technicians .....	50	<	21
Surveying, cartographic, photogrammetric, and mapping technicians .....	610	0.1	(nc)
Surveying and mapping technicians .....	180	<	14
Surveyors .....	430	0.1	10
Highway and street construction (SIC 1610)			
Scientific and technical personnel.....	4,680	1.5	(nc)
Managers of scientific and technical personnel .....	350	0.1	(nc)
Engineering managers .....	350	0.1	11
Scientists .....	100	<	(nc)
Computer scientists .....	100	<	(nc)
Network and computer systems administrators .....	100	<	9

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Page 9 of 14

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Engineers .....	2,620	0.8	(nc)
Civil .....	1,960	0.6	9
Industrial .....	270	0.1	21
Mechanical .....	60	<	26
Sales .....	50	<	27
Other engineers .....	280	0.1	(nc)
Environmental .....	60	<	41
Safety .....	220	0.1	9
Technicians .....	1,610	0.5	(nc)
Computer, numerical tool, and process control programmers .....	70	<	(nc)
Computer programmers .....	70	<	14
Drafters .....	70	<	(nc)
Architectural and civil drafters .....	70	<	19
Engineering technicians .....	450	0.1	(nc)
Civil engineering technicians .....	290	0.1	11
Environmental engineering technicians .....	60	<	25
Industrial engineering technicians .....	30	<	25
Mechanical engineering technicians .....	70	<	46
Surveying, cartographic, photogrammetric, and mapping technicians .....	1,020	0.3	(nc)
Surveying and mapping technicians .....	240	0.1	8
Surveyors .....	780	0.2	5
Heavy construction, except highway (SIC 1620)			
Scientific and technical personnel.....	15,120	2.4	(nc)
Managers of scientific and technical personnel .....	1,770	0.3	(nc)
Engineering managers .....	1,770	0.3	18
Scientists .....	360	0.1	(nc)
Computer scientists .....	360	0.1	(nc)
Network and computer systems administrators .....	360	0.1	27
Engineers .....	9,770	1.5	(nc)
Civil .....	6,550	1.0	13
Industrial .....	710	0.1	22
Mechanical .....	760	0.1	24
Sales .....	200	<	16
Other engineers .....	1,550	0.2	(nc)
Environmental .....	350	0.1	23
Safety .....	1,200	0.2	12

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Page 10 of 14

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Heavy construction, except highway (SIC 1620) -- continued:			
Technicians .....	3,220	0.5	(nc)
Computer, numerical tool, and process control programmers .....	310	0.1	(nc)
Computer programmers .....	310	0.1	25
Drafters .....	890	0.1	(nc)
Architectural and civil drafters .....	890	0.1	27
Engineering technicians .....	710	0.1	(nc)
Civil engineering technicians .....	530	0.1	30
Environmental engineering technicians .....	60	<	27
Industrial engineering technicians .....	60	<	17
Mechanical engineering technicians .....	60	<	24
Surveying, cartographic, photogrammetric, and mapping technicians .....	1,310	0.2	(nc)
Surveying and mapping technicians .....	380	0.1	18
Surveyors .....	930	0.2	7
Plumbing, heating, air conditioning (SIC 1710)			
Scientific and technical personnel.....	9,940	1.1	(nc)
Managers of scientific and technical personnel .....	710	0.1	(nc)
Engineering managers .....	710	0.1	11
Scientists .....	280	<	(nc)
Computer scientists .....	280	<	(nc)
Network and computer systems administrators .....	280	<	7
Engineers .....	4,850	0.5	(nc)
Civil .....	930	0.1	11
Electrical/electronics .....	370	<	(nc)
Electrical .....	370	<	34
Industrial .....	190	<	22
Mechanical .....	1,860	0.2	7
Sales .....	1,200	0.1	6
Other engineers .....	300	<	(nc)
Safety .....	300	<	14
Technicians .....	4,100	0.4	(nc)
Computer, numerical tool, and process control programmers .....	210	<	(nc)
Computer programmers .....	210	<	14
Drafters .....	2,530	0.3	(nc)
Architectural and civil drafters .....	1,740	0.2	12
Electrical and electronics drafters .....	580	0.1	14
Mechanical drafters .....	210	<	15
Engineering technicians .....	1,300	0.1	(nc)
Civil engineering technicians .....	110	<	14
Electronical/electronics engineering technicians .....	280	<	16
Industrial engineering technicians .....	170	<	23
Mechanical engineering technicians .....	740	0.1	10
Surveying, cartographic, photogrammetric, and mapping technicians .....	60	<	(nc)
Surveying and mapping technicians .....	60	<	26

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Page 11 of 14

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Painting and paper hanging (SIC 1720)			
Scientific and technical personnel.....	30	<	(nc)
Engineers .....	30	<	(nc)
Other engineers .....	30	<	(nc)
Safety .....	30	<	10
Electrical work (SIC 1730)			
Scientific and technical personnel.....	13,630	1.6	(nc)
Managers of scientific and technical personnel .....	660	0.1	(nc)
Computer and information systems managers .....	140	<	13
Engineering managers .....	520	0.1	11
Scientists .....	1,470	0.2	(nc)
Computer scientists .....	1,470	0.2	(nc)
Computer software, systems .....	230	<	42
Computer systems analysts .....	220	<	43
Network and computer systems administrators .....	620	0.1	9
Network systems/data communications analysts .....	400	0.1	23
Engineers .....	5,050	0.6	(nc)
Civil .....	560	0.1	29
Electrical/electronics .....	3,510	0.4	(nc)
Electrical .....	3,130	0.4	13
Electronics .....	380	<	41
Sales .....	810	0.1	23
Other engineers .....	170	<	(nc)
Safety .....	170	<	8
Technicians .....	6,450	0.8	(nc)
Computer, numerical tool, and process control programmers .....	620	0.1	(nc)
Computer programmers .....	620	0.1	12
Drafters .....	3,310	0.4	(nc)
Architectural and civil drafters .....	170	<	26
Electrical and electronics drafters .....	3,080	0.4	12
Mechanical drafters .....	60	<	32
Engineering technicians .....	2,490	0.3	(nc)
Electronical/electronics engineering technicians .....	2,350	0.3	15
Mechanical engineering technicians .....	140	<	27
Surveying, cartographic, photogrammetric, and mapping technicians .....	30	<	(nc)
Surveying and mapping technicians .....	30	<	31
Masonry, stonework, and plastering (SIC 1740)			
Scientific and technical personnel.....	640	0.1	(nc)
Managers of scientific and technical personnel .....	80	<	(nc)
Engineering managers .....	80	<	21

See explanatory information and SOURCE at end of table.

Table 5. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 07 and 10-17 (agricultural services, mining, and construction),  
and the relative standard error: 2001  
[Filled positions]

Page 12 of 14

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Masonry, stonework, and plastering (SIC 1740) -- continued:			
Engineers .....	370	0.1	(nc)
Civil .....	230	<	23
Sales .....	80	<	18
Other engineers .....	60	<	(nc)
Safety .....	60	<	7
Technicians .....	190	<	(nc)
Drafters .....	190	<	(nc)
Architectural and civil drafters .....	190	<	25
Carpentry and floor work (SIC 1750)			
Scientific and technical personnel.....	660	0.2	(nc)
Managers of scientific and technical personnel .....	40	<	(nc)
Engineering managers .....	40	<	33
Engineers .....	170	0.1	(nc)
Civil .....	80	<	19
Sales .....	90	<	23
Technicians .....	450	0.1	(nc)
Drafters .....	450	0.1	(nc)
Architectural and civil drafters .....	450	0.1	19
Roofing, siding, and sheet-metal work (SIC 1760)			
Scientific and technical personnel.....	500	0.2	(nc)
Managers of scientific and technical personnel .....	40	<	(nc)
Engineering managers .....	40	<	23
Scientists .....	50	<	(nc)
Computer scientists .....	50	<	(nc)
Network and computer systems administrators .....	50	<	44
Engineers .....	230	0.1	(nc)
Civil .....	50	<	21
Sales .....	120	0.1	15
Other engineers .....	60	<	(nc)
Safety .....	60	<	12
Technicians .....	180	0.1	(nc)
Drafters .....	180	0.1	(nc)
Architectural and civil drafters .....	180	0.1	15
Concrete work (SIC 1770)			
Scientific and technical personnel.....	1,180	0.3	(nc)
Managers of scientific and technical personnel .....	150	<	(nc)
Engineering managers .....	150	<	24

See explanatory information and SOURCE at end of table.

Table 5. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 07 and 10-17 (agricultural services, mining, and construction),  
and the relative standard error: 2001  
[Filled positions]

Page 13 of 14

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Engineers .....	750	0.2	(nc)
Civil .....	640	0.2	22
Sales .....	60	<	17
Other engineers .....	50	<	(nc)
Safety .....	50	<	10
Technicians .....	280	0.1	(nc)
Drafters .....	70	<	(nc)
Architectural and civil drafters .....	70	<	15
Engineering technicians .....	70	<	(nc)
Civil engineering technicians .....	40	<	17
Mechanical engineering technicians .....	30	<	6
Surveying, cartographic, photogrammetric, and mapping technicians .....	140	<	(nc)
Surveyors .....	140	<	15
Misc. special trade contractors (SIC 1790)			
Scientific and technical personnel.....	8,000	1.0	(nc)
Managers of scientific and technical personnel .....	350	0.1	(nc)
Engineering managers .....	350	0.1	19
Scientists .....	320	<	(nc)
Computer scientists .....	100	<	(nc)
Network and computer systems administrators .....	100	<	8
Physical scientists .....	170	<	(nc)
Chemists .....	80	<	19
Environmental scientists and specialists, including health .....	30	<	26
Geoscientists, except hydrologists and geographers .....	30	<	37
Hydrologists .....	30	<	22
Social scientists .....	50	<	(nc)
Market research analysts .....	50	<	44
Engineers .....	4,190	0.5	(nc)
Civil .....	1,430	0.2	11
Electrical/electronics .....	340	<	(nc)
Electrical .....	340	<	45
Industrial .....	140	<	16
Mechanical .....	1,150	0.2	28
Sales .....	650	0.1	20
Other engineers .....	480	0.1	(nc)
Environmental .....	170	<	20
Safety .....	310	<	9

See explanatory information and SOURCE at end of table.

Table 5. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 07 and 10-17 (agricultural services, mining, and construction),  
and the relative standard error: 2001  
[Filled positions]

Page 14 of 14

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Misc. special trade contractors (SIC 1790) -- continued:			
Technicians .....	3,140	0.4	(nc)
Computer, numerical tool, and process control programmers .....	140	<	(nc)
Computer programmers .....	140	<	19
Drafters .....	1,530	0.2	(nc)
Architectural and civil drafters .....	1,470	0.2	10
Mechanical drafters .....	60	<	21
Engineering technicians .....	930	0.1	(nc)
Civil engineering technicians .....	320	<	29
Electronical/electronics engineering technicians .....	260	<	40
Environmental engineering technicians .....	280	<	27
Industrial engineering technicians .....	70	<	22
Physical and life science technicians .....	60	<	(nc)
Environmental science and protection technicians, including health .....	60	<	36
Surveying, cartographic, photogrammetric, and mapping technicians .....	480	0.1	(nc)
Surveying and mapping technicians .....	100	<	21
Surveyors .....	380	0.1	10

<sup>1</sup> SET intensity = the ratio of SET employment (including SET managers) in a given SIC to total employment in that SIC, expressed in percentage terms.

<sup>2</sup> Relative standard error of the estimate of filled positions, expressed as a percentage.

KEY: nc = Not computed  
< = The estimated actual value is less than 0.05 for percentages when used to characterize SET intensity.  
n.e.c. = Not elsewhere classified.  
SIC = Standard Industrial Classification. See Technical Notes for explanation.

NOTE: Because of rounding, components may not add to totals.

SOURCE: National Science Foundation/Division of Science Resources Statistics, using data from U.S. Department of Labor/Bureau of Labor Statistics, Occupational Employment Statistics Survey.